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 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
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| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/919,725 | 07/31/2001 | 2662 | 1156 | 10699-003003 | 12 | 27 | 6 |

CONFIRMATION NO. 9380

 Timothy A French
 Fish & Richardson
 225 Franklin Street
 Boston, MA 02110-2804

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MAR 19 2002

OFFICE OF PETITIONS

FILING RECEIPT



OC000000006577494

Date Mailed: 09/19/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

 Antonio Cantoni, North Perth, AUSTRALIA;
 Robert M. Newman, Santa Clara, CA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A REI OF 07/283,364 04/28/1989 PAT 5,050,166

Foreign Applications

 UNITED STATES OF AMERICA PCT/AU88/00075 03/17/1988
 AUSTRALIA PI 0884/87 03/17/1987

If Required, Foreign Filing License Granted 09/18/2001

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

PEC

Title

Transfer of messages in a multiplexed system

Preliminary Class

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SEP 21 2001

FISH & RICHARDSON, PC.
BOSTON OFFICE

370

Data entry by : BATES, DIANA

Team : 3600

Date: 09/19/2001



**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
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Customer Service Center
Washington, DC 20231



Application Number:

Attachment to Paper No.:

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REISSUE SUPPLEMENT
NOTICE TO FILE MISSING PARTS OF APPLICATION

This Reissue Supplement is an attachment to:

- ☐ "Notice to File Missing Parts of Application" Filing Date Granted
- ☐ "Notice of Incomplete Application" No filing Date Granted

The item(s) indicated below as missing must be filed within the period for reply set on the attached form to avoid abandonment.

Correction of the following is required to complete the reissue application:

- ☒ 1. The reissue specification has not been provided in double-column format as is required by 37 CFR 1.173(a)(1).
- ☐ 2. Consent of the assignee is missing. 37 CFR 1.172 requires that the reissue oath/declaration be accompanied by the written consent of all assignees.
- ☐ 3. Consent of the assignee is present, but is unsigned. A statement of consent bearing the signature of an official authorized to act on behalf of the assignee(s) must be provided.
- ☐ 4. Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.72 requires that all assignees consenting to the reissue establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b). See MPEP Sec. 324.
- ☐ 5. Assignee's statement under 37 CFR 3.73(b) is present, but is unsigned. A 37 CFR 3.73(b) statement bearing the signature of an official authorized to act on behalf of the assignee must be provided.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

| | |
|--------------|------------------|
| Docketed By | Practice Systems |
| Action Code: | Missing Parts |
| Base Date: | 4-19-01 |
| Due Date: | 11-19-01 |
| Deadline: | 3-19-02 |
| Initial: | JMG |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Antonio Cantoni et al
Serial No. : 09/919,725
Filed : July 31, 2001
Title : TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM

Art Unit : 2662
Examiner : Unknown

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BOX MISSING PARTS

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the reissue supplement of the notice to file missing parts of an application mailed September 19, 2001, a copy of which is enclosed, Applicant submits herewith a copy of U.S. Patent 5,050,166, which is the U.S. patent whose reissue is sought in this application.

In compliance with 37 CFR 1.173(a)(1), Applicant submits:

- a copy of the specification of U.S. Patent 5,050,166 printed in two-column format; and
- a certificate of correction that issued in connection with U.S. Patent 5,050,166.

Corrections made by the certificate of correction have been incorporated into the enclosed specification without underlining or bracketing, as requested by MPEP 1411.01.

No additional fees are believed to be due in connection with the filing of this response. However, to the extent that additional fees are due, please charge our deposit account no. 06-1050

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

2/1/02
Date of Deposit

Signature

Carla F. Ofodile

Typed or Printed Name of Person Signing Certificate

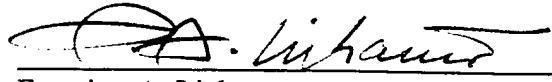
Applicant : Antonio Cantoni et al
Serial No. : 09/919,725
Filed : July 31, 2001
Page : 2

Attorney's Docket No.: 10699-003003

In addition, no deadline for responding to this notice was set. Accordingly, no petition for extension of time is deemed necessary. However, to the extent that an extension of time is necessary, please consider this a petition for such extension and charge the extension fee to our deposit account no. 06-1050.

Respectfully submitted,

Date: February 1, 2002



Faustino A. Lichauco
Reg. No. 41,942

Fish & Richardson P.C.
225 Franklin Street
Boston, Massachusetts 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

OFFICIAL FILING RECEIPT CHECKLIST

EL 224699579 US

PATENT

ATTORNEY DOCKET NO.: 12699-003003

The Patent and Trademark Office date stamp sets forth the receipt date (or both the receipt date and the Serial Number) of a patent application identified as follows:

Applicant: Antonio Cantoni and Robert M. Newman
Title: transfer of messages in a multiplexed system

- ☒ Transmittal Letter
☒ Appln 11 Pages of Spec. 8 Pages of Claims 27 Total Claims 1 Pages of Abstract
☐ Rule 62 Filing Request (FWC) Pages
☐ Assignment
☐ Deposit Account Order Form (2 copies)
☒ Check \$
☐ Small Entity Statement
☒ Drawings 12 Sheets Formal Sheets Informal
☒ Combined Declaration and Power of Attorney X signed unsigned
☒ Preliminary Amendment 4 Pages
☐ Information Disclosure Statement
☐ PTO 1449 Form Pages
☐ Prior Art References-Number of References
☐ Priority Document Pages
☐ English Translation
☒ Other postcard

J1033 U.S. PTO
09/19/25
07/31/01

Atty/Sec. Del Client/
Initials Matter Name QPSX Date 7/31/01

TO BE COMPLETED WHEN OFFICIAL FILING RECEIPT ARRIVES

- () Serial numbers on the postcard and the filing receipt match
- () Filing dates on the postcard and filing receipt match
- () Filing fee (paid by check) and the filing fee received on the filing receipt match. If the filing fee was charged to the deposit account, the correct amount of the fee charged match
- () Attorney docket numbers on the postcard, the application and the filing receipt match
- () Number of sheets of drawings in the application, number noted on the postcard and number noted on the filing receipt match
- () Total number of claims in the application, noted in the transmittal letter and on the filing receipt match
- () Number of Independent claims in the application and noted in the transmittal letter and on the postcard match
- () Attorney named on the filing receipt and attorney named on the declaration/filing request match
- () Inventor(s) named on the filing receipt and the inventor(s) named in the declaration/filing request match
- () Title noted on filing receipt and on the application match

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AUG 17 2001

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BOSTON OFFICE

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PATENT

ATTORNEY DOCKET NO.:

10699-003003

The Patent and Trademark Office date stamp sets forth the date of receipt of:

Applicant or Patentee Antonio Cantoni et al.

No. (Application, Appeal, Interference, Patent, Reexam) 09/919,725

Filing or Issue Date July 31, 2001

Title: TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM

☐ Transmittal Letter (2 Copies)

☐ With Pet. for Ext.

☐ Assignment

☐ Status Inquiry

☒ Amendment/Response 2 Pages

☐ Declaration

☐ Maintenance Fee

☐ Request Certificate of Correction

☐ Check \$ _____

☐ Notice of Appeal

☐ Deposit Account Order Form (2 Copies)

☐ Appeal Brief (3 Copies) _____ Pages

☐ Issue Fee ☐ Request Patent Copies

☐ Petition for Extension Time

☐ Information Disclosure Statement

☐ PTO 1449 Form- _____ Pages

☐ Prior Art References-Number of References _____

☐ Drawings _____ Sheets Formal _____ Sheets Informal _____ Sheets Amended

☒ Notice of Missing Parts

☐ Combined Declaration and Power of Attorney

☐ Small Entity Statement

☒ Other A Copy of Specification in Two-Column Format

As is Required by 37 CFR 1.173(a)(1); a Copy of Certificate of Correction.

Atty/Sec _____ Client/

Initials JAF/PRC

Matter Name

QPSX Communication Date 2/01/02

CFZ

EL 224699579 US

PATENT

ATTORNEY DOCKET NO.: 10699-003003

The Patent and Trademark Office date stamp sets forth the receipt date (or both the receipt date and the Serial Number) of a patent application identified as follows:

Applicant: Antonio Cantorini and Robert M. Newman
 Title: Transfer of Messages in a Multiplexed
System

☒ Transmittal Letter
☒ Appin 11 Pages of Spec. 8 Pages of Claims 27 Total Claims 1 Pages of Abstract
☐ Rule 62 Filing Request (FWC) Pages
☐ Assignment
☐ Deposit Account Order Form (2 copies)
☒ Check \$
☐ Small Entity Statement
☒ Drawings 12 Sheets Formal Sheets Informal
☒ Combined Declaration and Power of Attorney X signed unsigned
☒ Preliminary Amendment 4 Pages
☐ Information Disclosure Statement
☐ PTO 1449 Form Pages
☐ Prior Art References-Number of References
☐ Priority Document Pages
☐ English Translation
☒ Other postcard

Atty/Sec Day Client/
 Initials Day Matter Name QPSX Date 7/31/01

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 Boston, Massachusetts
 02110-2804

c 128644

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| COMMISSIONER OF PATENTS AND TRADEMARKS | 7/31/01 | 740. |
| | FISH & RICHARDSON P.C. | |

52-153/112

Fleet FLEET MAINE, N.A.
 SOUTH PORTLAND, ME

BY AS/AR

10699-003003 DE6

128644 011201539 80 071 123

FISH & RICHARDSON P.C.

225 Franklin Street
Boston, Massachusetts
02110-2804

Frederick P. Fish
1855-1930

July 31, 2001

Telephone
617 542-5070

W.K. Richardson
1859-1951

Facsimile
617 542-8906

Attorney Docket No.: 10699-003003

Web Site
www.fr.com

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a continuation of a pending reissue patent application of:

Applicant: ANTONIO CANTONI AND ROBERT M. NEWMAN

Title: TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM



BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC

~~The prior application is assigned of record to QPSX Communications Ltd., a corporation from Australia, by virtue of an assignment submitted to the Patent and Trademark Office and recorded on October 19, 1995 at Reel 7690 and Frame 0038.~~

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

| | Pages |
|---------------|-------|
| Specification | 11 |
| Claims | 8 |
| Abstract | 1 |
| Declaration | 2 |
| Drawings | 12 |

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Enclosures:

- Preliminary amendment, 4 pages.
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL224699579US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit July 31 2001

Signature Samantha Bell

Typed or Printed Name of Person Signing Certificate Samantha Bell

Commissioner for Patents
July 31, 2001
Page 2

This application is a continuation (and claims the benefit of priority under 35 USC 120) of U.S. application serial no. 08/122,934, filed September 17, 1993, which is a reissue application claiming the priority date of U.S. patent 5,050,166. The disclosure of the prior application is considered part of (and is incorporated by reference in) the disclosure of this application.

This application claims (under 35 USC §119) the benefit of patent application serial number P10884, filed in Australia on March 17, 1987.

| | |
|--|-------|
| Basic filing fee | \$710 |
| Total claims in excess of 20 times \$18 | \$0 |
| Independent claims in excess of 3 times \$80 | \$80 |
| Fee for multiple dependent claims | \$0 |
| Total filing fee: | \$790 |

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

FAUSTINO A. LICHAUCO
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

Respectfully submitted,



Faustino A. Lichauco
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